

Test by: Southern MN FIRST New Richland, MN

2025 Soybeans Top 30 Harvest Report

Minnesota South [MNSO] LAMBERTON, MN
Ed Iverson, Cottonwood County, MN 56152

All-Season Test	Maturity Group 1.6 - 2.3 S2025MNSO01
Top 30 of 35	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Force, Harness, Impact, Cover XI
SOIL DESCRIPTION:	Romnell clay loam, poorly drained, non-irrigated
SOIL CONDITION:	5.71 pH, 5.31% OM, 19.34 CEC, high P, medium K, low S, high B, mod. Zn
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Flexstar, Section Three, Aquila XI, Insecticide
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	May 18 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 6 128.3 /A
PEST & DISEASE RISK:	SCN, Phytophthora, Fusarium, Brown Stem Rot*

TEST COMMENTS:

Planting conditions were great, and this GMO plot was very uniform with good final stands. The herbicides worked very well. This MNSC bean test and the MNSOCV Food Grade bean test at Lamberton were planted side by side and both cultivated by Ed with his 4-row cultivator. Yields were impressive here; this Lamberton plot returned the highest average yield in the MNSC and MNSO FIRST Regions this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 2366E ↗	E3	2.3	M	79.9	10.4	0	127.0	767	1
Genesis	G2300E ↗	E3	2.3	M	79.6	10.5	0	129.3	764	2
Apex	AE2360 ↗	E3	2.3	M	79.5	9.9	0	129.7	763	3
Xitavo	XO 1776E ↗	E3	1.7	M	78.9	9.8	0	129.5	757	4
Golden Harvest	GH2292E3 GC ↗	E3	2.2	M	76.0	9.0	0	128.7	730	5
Pioneer	P21Z71E GC ↗	E3	2.1	PK	75.2	9.9	0	129.7	722	6
Jacobsen	J2295E3 ↗	E3	2.2	M	74.4	10.0	0	128.7	714	7
Loyal	L2370E ↗	E3	2.3	PK	74.0	9.4	0	128.0	710	8
Fortus	2366E ↗	E3	2.3	PK	73.3	9.6	0	127.3	704	9
Apex	AE1520 GC ↗	E3	1.5	M	72.9	10.0	0	128.0	700	10
Fortus	1895E ↗	E3	1.8	PK	72.8	10.0	0	126.7	699	11
Dairyland	DSR-2067E ↗	E3	2.0	PK	72.4	9.5	0	129.3	695	12
Genesis	G2090E ↗	E3	2.0	PK	72.3	10.4	0	129.3	694	13
Golden Harvest	GH1973E3S GC ↗	E3,ST	1.9	PK	71.7	9.3	0	128.3	688	14
Xitavo	XO 1986E GC ↗	E3	1.9	M	71.5	9.7	0	128.0	686	15
Jacobsen	J1942E3 ↗	E3	1.9	PK	71.5	10.1	0	130.7	686	16
Loyal	L2070E ↗	E3	2.0	PK	70.9	10.0	0	127.0	681	17
Xitavo	XO 2206E ↗	E3	2.2	M	70.7	10.2	0	127.3	679	18
Stine	22EG02 ↗	E3	2.2	M	70.6	9.4	0	129.3	678	19
Fortus	2096E ↗	E3	2.0	PK	70.5	9.8	0	126.0	677	20
Apex	AE2050 ↗	E3	2.0	PK	70.2	9.6	0	128.3	674	21
Dairyland	DSR-1601E ↗	E3	1.6	PK	70.0	10.5	0	127.0	672	22
Loyal	L1860E ↗	E3	1.8	PK	70.0	9.7	0	129.3	672	23
Pioneer	P17Z39E GC ↗	E3	1.7	PK	69.3	9.4	0	128.0	665	24
Xitavo	XO 2075E ↗	E3	2.0	PK	69.3	9.9	0	127.7	665	25
Dairyland	DSR-1881E ↗	E3	1.8	M	69.0	10.3	0	129.0	662	26
Apex	AE1960 ↗	E3	1.9	M	68.6	9.2	0	126.7	659	27
Genesis	G1980E ↗	E3	1.9	PK	68.3	10.2	0	128.3	656	28
Genesis	G1760E ↗	E3	1.7	M	68.1	9.8	0	126.7	654	29
Stine	20EH92 ↗	E3	2.0	M	68.1	10.1	0	128.3	654	30

	Averages =	71.3	9.9	128.3	685
	LSD (0.10) =	3.5	ns	ns	
	LSD (0.25) =	1.8	ns	ns	
	C.V. =	4.7			
Historic yield: 49.87 bu/a, 5 yr(s)					

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$9.60

Report Date: 10/07/2025

Additional reports available at www.firstseedtests.com

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

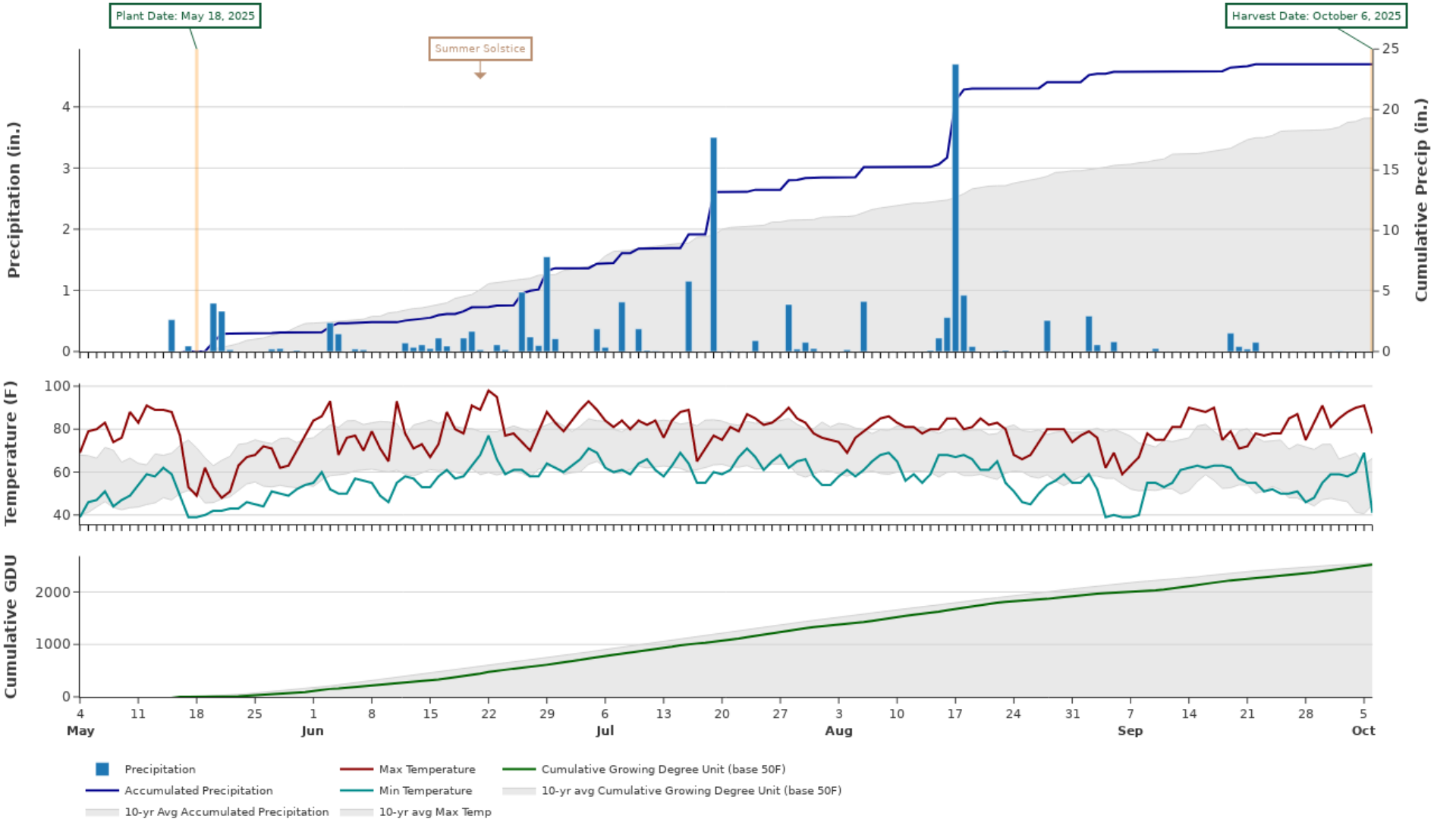
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2025 Soybeans - Minnesota South [MNSO]

Weather Conditions Summary at LAMBERTON, MN

Weather Data Retrieved: 10/07/2025

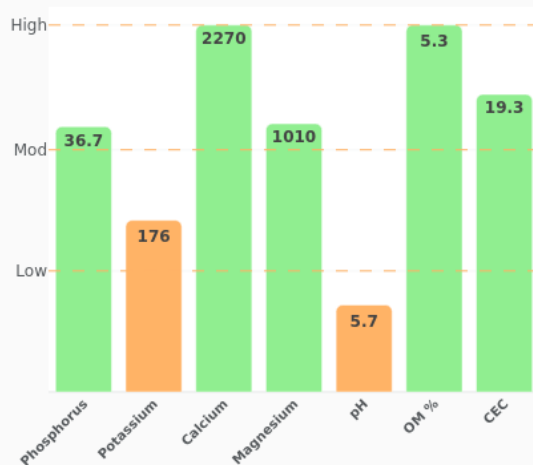
Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.2 4.6 (-2.4)	5.3 4.0 (+1.2)	7.5 4.5 (+3.0)	7.9 4.0 (+3.8)	1.5 3.4 (-1.9)	0.0 1.0 (-1.0)	24.4 21.6 (+2.8)
GDU Avg (Diff)	313 295 (+17)	544 615 (-71)	695 685 (+9)	591 600 (-9)	473 438 (+34)	128 52 (+75)	2744 2688 (+55)



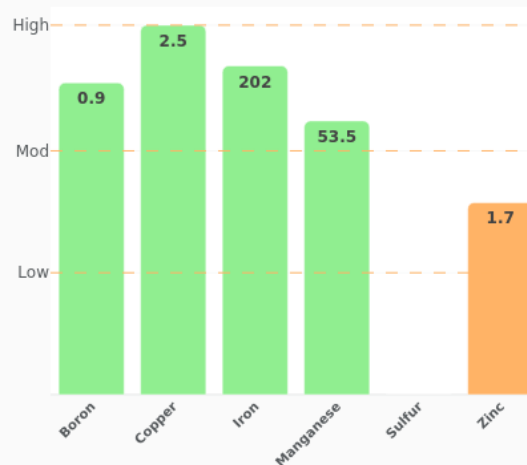
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

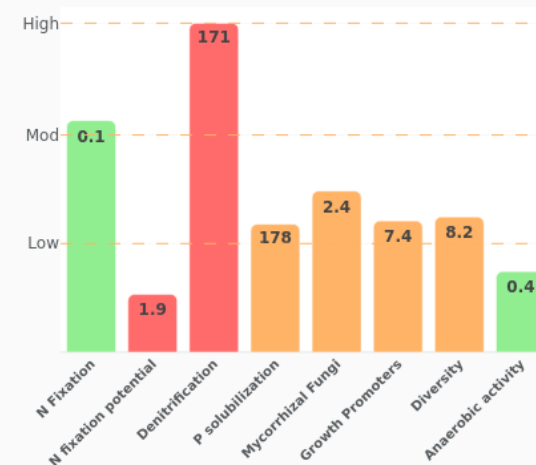
Macronutrients



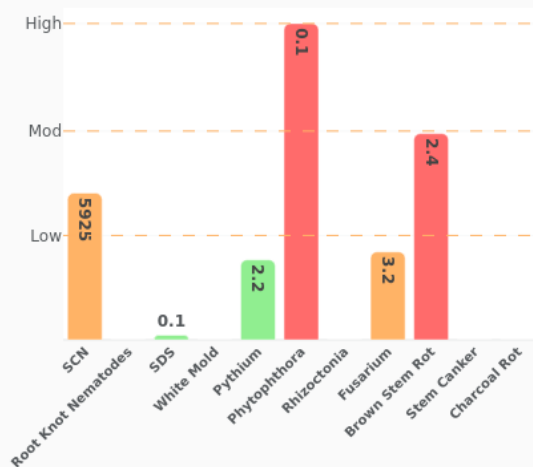
Micronutrients



Biofertility Analytics



Below Ground Pest & Disease - Soybeans



Above Ground Pest & Disease - Soybeans



More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

2025 Soybeans - Minnesota South [MNSO]

All-Season Test Products (35 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1520	E3	M	1.5	CMB-APX,SA
Apex	AE1960	E3	M	1.9	CMB-APX,SA
Apex	AE2050	E3	PK	2.0	CMB-APX,SA
Apex	AE2360	E3	M	2.3	CMB-APX,SA
Dairyland	DSR-1601E	E3	PK	1.6	Lum, LumT, IL
Dairyland	DSR-1881E	E3	M	1.8	Lum, LumT, IL
Dairyland	DSR-2067E	E3	PK	2.0	Lum, LumT, IL
Fortus	1895E	E3	PK	1.8	ACi,SU
Fortus	2096E	E3	PK	2.0	ACi,SU
Fortus	2165E	E3	M	2.1	ACi,SU
Fortus	2366E	E3	PK	2.3	ACi,SU
Genesis	G1690E	E3	M	1.6	EcTC
Genesis	G1760E	E3	M	1.7	EcTC
Genesis	G1980E	E3	PK	1.9	EcTC
Genesis	G2090E	E3	PK	2.0	EcTC,SA
Genesis	G2300E	E3	M	2.3	EcTC,SA
Golden Harvest	GH1534E3S	E3,ST	PK	1.5	CMB-APX,SA
Golden Harvest	GH1973E3S	E3,ST	PK	1.9	CMB-APX,SA
Golden Harvest	GH2292E3	E3	M	2.2	CMB-APX,SA
Jacobsen	J1942E3	E3	PK	1.9	Lum, LumT, IL
Jacobsen	J2295E3	E3	M	2.2	Treated
Loyal	L1860E	E3	PK	1.8	Treated
Loyal	L2070E	E3	PK	2.0	Treated
Loyal	L2370E	E3	PK	2.3	Treated
Pioneer	P13Z28E	E3	S	1.3	Untreated
Pioneer	P17Z39E	E3	PK	1.7	Untreated
Pioneer	P21Z71E	E3	PK	2.1	Untreated
Stine	18EJ12	E3	M	1.8	SFI
Stine	20EH92	E3	M	2.0	SFI
Stine	22EG02	E3	M	2.2	SFI
Xitavo	XO 1776E	E3	M	1.7	PV,IL,OB,Rey
Xitavo	XO 1986E	E3	M	1.9	PV,IL,OB,Rey
Xitavo	XO 2075E	E3	PK	2.0	PV,IL,OB,Rey
Xitavo	XO 2206E	E3	M	2.2	PV,IL,OB,Rey
Xitavo	XO 2366E	E3	M	2.3	PV,IL,OB,Rey

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Soybean Cyst Nematode (SCN) Resistance Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.